

In the Claims:

1. (Original) A cellular wheel sluice constructed as a blow through sluice, particularly for dosing secondary fuels, comprising a supply chute (2) and therebelow a horizontally arranged cellular wheel (4) provided with radial cellular webs (3), which comprises blow-in (10) and blow-out holes (11) arranged in the housing below the axis of the cellular wheel within the rotational area of the cellular wheel webs (3) and positioned opposite each other in facing sides of the housing, characterized in that an injection nozzle (15) is integrated in the area of the blow-in hole (10), said injection nozzle blowing transport air into the dosing chambers (5) formed by the cellular wheel webs (3), and in that the cellular wheel webs (3) comprise gap seals (12) hard as metal and positioned in their radial end zones.

2. (Original) The cellular wheel sluice of claim 1, characterized in that the injection nozzle (15) is set-in coaxially and inwardly in a blow-in pipe socket (16) secured to the blow-in hole (10), said injection nozzle causing a reduction of the blow-in cross-section in the area of the blow-in opening (10) relative to the blow-in pipe cross-section.

Claims 3 to 9 (Canceled).